

2GMD

BROMINATOR, RECIRCULATING UNIT:

THE RECIRCULATING BROMINATOR:

- WAS INOPERATIVE.
- HAD AN INOPERATIVE "FEEDER ON" LIGHT.
- HAD AN INOPERATIVE "CARTRIDGE EXPENDED" LIGHT.
- CARTRIDGE CHANGE INDICATOR (TIME TOTALIZER METER) WAS INOPERATIVE.
- WAS MISSING A POSTED TEMPERATURE/RUN-TIME CHART.
- PLASTIC COVER WAS NOT PROVIDED/USED/WAS DETERIORATED.
- POSTED OPERATING INSTRUCTIONS/MAINTENANCE REQUIREMENTS CARDS (MRC F-9/R-3D) HAD AN INCORRECT AND INCOMPLETE OPERATING SEQUENCE THAT COULD CONTRIBUTE TO RECIRCULATING BROMINATION TANK SELECTOR VALVE SEA/O-RING DAMAGE.
- INSTRUCTION DID NOT ENSURE THAT THE TANK SELECTOR VALVE ALIGNMENT WAS COMPLETED BEFORE STARTING THE BROMINE FEED PUMP.
- DID NOT HAVE CONSPICUOUSLY POSTED, EASILY READABLE OPERATING INSTRUCTIONS.
- WERE MISSING WARNING LEVEL SIGN THAT THE TANK SELECTOR VALVE WAS NOT TO BE CHANGED WHILE THE RECIRCULATING PUMP WAS OPERATING.
- DID NOT HAVE A REQUIRED WARNING PLATE CONCERNING BROMINE HAZARDS.

NOTE: PLACARD MUST STATE "WARNING - OPEN CARTRIDGE SHIPPING CONTAINER ONLY IN WELL VENTILATED AREA. AVOID BREATHING DUST OR GASES. DO NOT PUNCTURE OR ATTEMPT TO OPEN BROMINATING CARTRIDGE.

1 HANDLING OF LOOSE BROMINE RESIN CAUSES SKIN REDNESS OR EYE IRRITATION. BROMINE RESIN MAY BE HARMFUL IF SWALLOWED. WHENEVER HANDLING LOOSE BROMINE RESIN, PERSONNEL SHALL WEAR RUBBER GLOVES AND GOGGLES.

2 IN THE EVENT OF SKIN OR EYE CONTACT WITH BROMINE RESIN, THOROUGHLY FLUSH THE AFFECTED AREA FOR A PERIOD OF 15 MINUTES WITH POTABLE WATER AND SEEK MEDICAL ATTENTION. DRAIN CARTRIDGE CANISTER AND REMOVE CARTRIDGE WHEN.

3 UNIT IS TO BE SECURED FOR MORE THAN 13 DAYS. DRAINAGE FROM CARTRIDGE IS SLIGHTLY CORROSIVE. IF DRAINAGE COMES INTO CONTACT WITH SKIN, WASH SKIN WITH WATER. AFTER REMOVING CARTRIDGE, ALLOW TO DRAIN.

4 REPLACE CARTRIDGE OUTLET CAP AND REPLACE IN SHIPPING CONTAINER. DISPOSE OF CARTRIDGE WITH SOLID WASTE. DO NOT INCINERATE CARTRIDGE."

NAVMED P-5010-6

NSTM 533

GSO 507H

NAVSEA 0948-LP-122-2010 (EVERPURE MODEL SSFM-100B SERIES) - OLDER MODEL WITH CONTROL CONSOLE.

NAVSEA S9531-BQ-MMA-010/08576 (EVERPURE MODEL SSFM-100BC-SYS) - NEWER MODEL, 2 TANK SELECTOR

NAVSEA S9533-BE-MMA-010/08576 (EVERPURE MODEL SSFM-100CC-SYS) - NEWER MODEL, 3 TANK SELECTOR

NAVSEA S9531-CF-MMC-010/08576 (EVERPURE MODEL SSFM-100DC-SYS) - NEWER MODEL, 4 TANK SELECTOR

EVP-SSFM-100M-SERIES/08576 - PC CLASS ONLY

2GMD BROMINATOR, WASHDOWN HOSE:

- A COLD WATER POTABLE HOSE OUTLET WAS NOT INSTALLED IN THE VICINITY OF THE BROMINATOR.
- THE POTABLE WATER WASHDOWN CONNECTION WAS NOT PROVIDED WITH A LOCKED-OPEN GLOBE VALVE, PRESSURE REDUCING VALVE SET AT 25 PSI, A BALL VALVE, A VACUUM BREAKER, A HOSE COUPLING AND A 4-FOOT LENGTH OF HOSE.

GSO 532C
NSTM 533-3.4.6

2GMD DENTAL, DENTAL EQUIPMENT:
THE FOLLOWING DENTAL EQUIPMENT WAS UNRELIABLE/INOPERATIVE:
- PUMP CENTRAL VACUUM VACSTAR NOT OPERATING (MIP 6531).

GSO 652
MIP 6531 SERIES

2GMD DENTAL, DENTAL SERVICE UNITS:

- THE DENTAL SERVICE UNIT HAD ELECTRICAL CONNECTIONS AND THE WATER SUPPLY CONNECTIONS IN THE SAME BOX ON THE DECK WITHOUT GFI PROTECTION.
- THE DENTAL SERVICE UNIT WERE NOT SECURED TO THE DECK.
- DENTAL SERVICE UNIT DID NOT RAISE/LOWER.
- DENTAL SERVICE UNIT DID NOT TILT FORWARD/BACK.
- DENTAL SERVICE UNIT LIGHT WAS INOP.
- DENTAL SERVICE UNIT WAS NOT SUPPLIED WITH WATER/WATER DISPENSER WAS INOP.
- DENTAL SERVICE UNIT WAS NOT EQUIPPED WITH VACUUM SUCTION/VACUUM SUCTION WAS INOP.

OPNAV INSTRUCTION 5100.19D C0102C
EQUIPMENT SPECIFIC TECHNICAL MANUAL

2GMD EMERG POTABLE WATER, TANK CONSTRUCTION:

- GRAVITY TANKS WERE NOT INSTALLED IN THE OVERHEAD OF THE BATTLE DRESSING STATION.
- THE COMBINED VENT AND OVERFLOW ON THE GRAVITY TANK WAS NOT INSTALLED.
- THE COMBINED VENT AND OVERFLOW ON THE GRAVITY TANK WAS NOT FITTED WITH AN INSECT SCREEN.
- THE COMBINED VENT AND OVERFLOW ON THE GRAVITY TANK WAS DIRECTED TO DISCHARGE ON EQUIPMENT.
- DID NOT HAVE A LABEL PLATE INDICATING TANK CAPACITY.
- THE EMERGENCY POTABLE WATER TANK WAS NOT LABELLED "WARNING BATTLE DRESSING STATION GRAVITY TANK ... FLUSH AND REPLENISH WITH POTABLE WATER EVERY 3 MONTHS".

GSO 532B
GSO 532C
GSO 602G
COMNAVSURFORINST 6000.1, CHAP 4, SEC 3, ART 4303C(6)
NAVMED P-5010-6, SECTION 5010-6-32.2.A

2GMD EMERG POTABLE WATER, TANK OPERATION:

THE EMERGENCY POTABLE WATER TANK HAD THE FOLLOWING
DISCREPANCIES:

- DAMAGED INTERIOR COATING.
- EXCESSIVE RUST.
- EXCESSIVE FOREIGN MATTER.
- REQUIRED CLEANING AND DISINFECTION.
- THE EMERGENCY POTABLE WATER TANK COULD NOT BE ISOLATED
FROM THE SHIP'S SERVICE POTABLE WATER SYSTEM TO PERMIT USE
OF EITHER SHIP'S SERVICE OR EMERGENCY POTABLE WATER SUPPLY
AT THE SURGICAL SINK.
- THE EMERGENCY POTABLE WATER TANK WAS NOT
INSTALLED/OPERATIONAL. CAUSES OF INOPERABILITY WERE:
- THE REQUIRED PIPING DIAGRAM WITH APPROPRIATE INSTRUCTIONS
FOR FILLING AND EMPTYING:
- WAS NOT POSTED.
- WAS NOT CORRECT.

GSO 532C

NAVMED P-5010-6, SECTION 6-32.1

NAVMED P-5010-6, SECTION 6-32.2.B

GSO 652

2GMD EMERG POTABLE WATER, TANK SIGHT GLASS:

THE EMERGENCY POTABLE WATER TANK HAD THE FOLLOWING
DISCREPANCIES:

- WAS NOT EQUIPPED WITH SIGHT GLASS OR TRYCOCK.
- GLASS SIGHT GLASS WAS NOT GUARDED.
- SIGHT GLASS WAS CLOUDED/WATER LEVEL COULD NOT BE DETECTED.

GSO 532B

NAVMED P-5010-6

2GMD MEDICAL, AUDIOMETRIC TESTING BOOTH:

THE INSTALLED AUDIOMETRIC TESTING BOOTH:

- WAS NOT CERTIFIED (ANNUAL REQUIREMENT).
- DID NOT HAVE CALIBRATED AUDIOMETERS.
- HAD THE FOLLOWING MATERIAL DEFICIENCIES:

OPNAVINST 5100.19 SERIES, ARTICLE B0402E(7)

ANSI S3.6-1989

2GMD

MEDICAL, BATTLE DRESSING STATION:

THE _____ BATTLE DRESSING STATION HAD TH FOLLOWING DISCREPANCIES:

- THE LOCKER, MEDICAL (WITH STERILIZER COMPARTMENT) HAD COMPARTMENTS THAT WOULD NOT LOCK.
- STERILIZER, SURGICAL INSTRUMENT WAS INOP. (SPECIFY IF OTHER DISCREPANCY).
- TABLE, OPERATING AND DRESSING, FOLDING, FIELD WOULD NOT _____.
- THE FRESH WATER STORAGE TANK, 50-GALLON CAPACITY, HAD DIRT IN IT.
- THE DEVICE, HOLDING, FOR LEG OF TABLE, OPERATING, FIELD BRACKET STOWAGE FOR TABLE, OPERATING, FIELD SINK, SURGEON SCRUB (KNEE OPERATING CONTROL) DID NOT WORK PROPERLY.
- THERE WAS NO SOAP IN THE SURGICAL DETERGENT DISPENSER.
- THE SAFE WAS SECURED TO THE DECK.
- OXYGEN BOTTLES, SIZE H, SIZE D WERE NOT VERTICALLY AND HORIZONTALLY SECURED.
- THE LOCKABLE MEDICAL SUPPLY CABINET DID NOT WORK.
- THE CEILING MOUNTED SURGICAL LIGHT WAS BURNED OUT.
- THE TANK PLACARD FOR THE FRESH WATER STORAGE TANK WAS INCORRECT.
- THE SURGICAL DETERGENT DISPENSER DID NOT WORK.
- THE CEILING MOUNTED SURGICAL LIGHT DID NOT FREELY ROTATE.

GSO 652

2GMD

MEDICAL, BATTLE LANTERNS:

____ OF ____ EMERGENCY BATTLE LANTERNS OVER THE EXAMINATION AND TREATMENT TABLE:

- WERE NOT WIRED ACCORDING TO SPECIFICATIONS, TO ENERGIZE WHEN THE SHIP LOSES POWER.
- WERE INOP/HAD LOW BATTERIES.
- WERE NOT EQUIPPED WITH TOGGLE SWITCHES.

NAVSEA 0964-000-2000

NSTM 330-1.9.18

NSTM 330-1.9.3.2

NSTM 330-1.9.3.3

NSTM 330-1.9.3.5

2GMD MEDICAL, BIOLOGICAL REFRIGERATOR/MORGUE:

- THE BIOLOGICAL REFRIGERATOR HAD THE FOLLOWING DEFICIENCIES:
- WAS NOT EQUIPPED WITH A REMOTE ALARM. NOTE:NOT REQUIRED IF THE SPACE IS MANNED 24 HOURS A DAY.
- DID NOT HAVE A HIGH/LOW TEMPERATURE SENSOR AND ALARM INSTALLED.
- DID NOT HAVE A LOSS OF POWER ALARM.
- DID NOT MAINTAIN PROPER TEMPERATURE.
- ALARM WAS DAMAGED (SPECIFY).
- LACKED A FREEZER COMPARTMENT TO STORE VACCINES.
- WAS INOP.

GSO 436D

GSO 516F

MIP 6521

COMNAVSURFORINST 6000.1, CHAP 4, SEC 2, ART 4203A

2GMD MEDICAL, BLOOD BANK:

- THE RBC FREEZER (MFR/MODEL):
- DID NOT HAVE A HIGH/LOW TEMPERATURE SENSOR AND ALARM INSTALLED.
 - DID NOT HAVE A LOSS OF POWER ALARM INSTALLED.
 - DID NOT COOL EVENLY THROUGHOUT.
 - DID NOT MAINTAIN PROPER TEMPERATURE.
 - DID NOT HAVE LOCKING DOORS.
 - COMPRESSION ALTERNATION MODE WAS MISSING.
 - COMPRESSION ALTERNATION MODE WAS INOPERATIVE.
 - DID NOT HAVE AN EMERGENCY POWER SUPPLY.
 - RBC CENTRIFUGES WERE INOP.

MANUFACTURER TECH MANUAL

2GMD MEDICAL, COMMUNICATIONS:

- THERE WAS NO SHORE LINE TELEPHONE AVAILABLE.
- THERE WERE NO TELEPHONES FOR THE MEDICAL BATTLE DRESSING STATIONS.

GSO 432

2GMD MEDICAL, EXAM TABLE:

- THE BASE WAS NOT STURDY.
- PARTS WERE MISSING.
- HAD THE FOLLOWING MATERIAL DEFICIENCIES:

GSO 652

2GMD MEDICAL/DENTAL, FACILITY:

NOTE: USE THIS CARD FOR MISC DEF'S IN MEDICAL FACILITIES NOT COVERED BY OTHER CARDS.

GSO 652

2GMD MEDICAL, FIRST AID BOXES:

THE FIRST AID BOX (CITE LOCATION):

- WAS NOT IDENTIFIED WITH RED CROSS AND/OR LABELED, "FOR EMERGENCY USE ONLY".
- WAS NOT PROPERLY SEALED.
- WAS DAMAGED (DENTED, RUSTED/BROKEN HINGES.
- WAS NOT MARKED WITH PHOTOLUMINESCENT MARKINGS.
- WAS NOT INSTALLED AS REQUIRED (SPECIFY ONE OF FOLLOWING SPACES):
- AIR CONTROL SPACE.
- ANCHOR HANDLING SPACE.
- COMMUNICATION SPACE.
- ENGINE AND MACHINERY ROOM.
- ELECTRONIC CONTROL SPACE.
- FLAG CONTROL SPACE.
- GALLEY.
- GUN MOUNT (MANNED).
- HANGAR DECK BAY.
- LAUNDRY.
- MISSILE SPACE.
- WEAPON CONTROL SPACE.

GSO 602J

COMNAVSURFORINST 6000.1, CHAP 4, SEC 3, ART 4305

2GMD MEDICAL, MEDICAL STOREROOMS:

THE MEDICAL STOREROOM DID NOT PROVIDE PROPER TEMPERATURE FOR HEAT SENSITIVE ITEMS (MAX 80 DEG F).

HVAC MANUAL NAVSEA
0938-LP-018-0010

2GMD MEDICAL, OVERHEAD SHEATHING:

- OVERHEAD SHEATHING PANELS IN MEDICAL/DENTAL SPACES WERE NOT CAPABLE OF BEING REMOVED AND REINSTALLED REPETITIVELY WITHOUT SPECIAL TOOLS AND WITHOUT DETERIORATION OF PANELS, TRIM, GRIDWORK OR FASTENERS.

GSO 637

GSO 652

2GMD MEDICAL, OXYGEN CYLINDERS:

- BRACKETS WERE NOT AVAILABLE TO SECURE TYPE "H" AND "D" MEDICAL OXYGEN BOTTLES NEAR THE EXAM/TREATMENT TABLE/WARD BED IN THE FOLLOWING SPACES:
 - OXYGEN REGULATORS HAD THE FOLLOWING DEFICIENCIES:
 - OXYGEN TANKS HAD THE FOLLOWING DEFICIENCIES:
 - MEDICAL OXYGEN BOTTLES WERE NOT TAGGED WITH A " WARNING TAG FOR MEDICAL OXYGEN" DD FORM 1191 (NSN 0102-LF-011-8000).
- NO OXYGEN CYLINDER IN THE MAIN EMERGENCY TREATMENT AREA WAS READY FOR IMMEDIATE USE (FITTED WITH REGULATOR).

OPNAVINST 5100.19 SERIES
COMNAVSURFORINST 6000.1, CHAP 4, SEC 3, ART 4312
GSO 072B
GSO 652C
GSO 671C

2GMD MEDICAL, PATIENT BENCH:

- A RECESSED BENCH OR A HINGED, FOLDING, DROP-DOWN TYPE BENCH WAS NOT INSTALLED TO PROVIDE WAITING SPACE FOR PERSONNEL IN THE FOLLOWING LOCATION(S):
- MEDICAL DEPARTMENT OFFICE.
 - MEDICAL RECORDS OFFICE.
 - FLIGHT SURGEON'S OFFICE.
 - SURGICAL DRESSING ROOM.
 - PHARMACY.
 - BACTERIOLOGICAL LABORATORY.

GSO 652B

2GMD MEDICAL, PATIENT CALL BUZZERS:

- PATIENT CALL BUZZERS IN THE WARD SPACE WERE INOP.
- PATIENT CALL BUZZERS IN THE MEDICAL QUIET ROOMS WERE INOP.
- PATIENT CALL BUZZERS IN THE WARD HEAD WERE INOP.
- THE PATIENT CALL BUZZER LOCATED IN THE MEDICAL WARD HEAD WAS LOCATED NEAR THE SHOWER VICE THE TOILET AS NEEDED.

GSO 652

2GMD MEDICAL, PORTABLE MEDICAL LOCKER:

- THE FOLLOWING DEFICIENCIES WERE FOUND WITH PORTABLE MEDICAL LOCKERS:
- THERE WAS AN INSUFFICIENT NUMBER OF PORTABLE MEDICAL LOCKERS; ____ ON HAND, ____ REQUIRED.
 - A PORTABLE MEDICAL LOCKER WAS NOT INSTALLED NEAR EACH REPAIR PARTY STATION; ____ ON HAND, ____ REQUIRED.
 - ____ OF ____ MASS CASUALTY BOXES WERE DENTED AND NOT CLEARLY LABELED.
 - MASS CASUALTY BOXES WERE NOT STENCILED WITH THE LOCATION NUMBER AND MARKED AS A "MASS CASUALTY BOX.
 - MCBS WERE NOT PADLOCKED.

COMNAVSURFORINST 6000.1, CHAP 4, SEC 3, ART 4304

2GMD MEDICAL, ROUTE/ACCESS MARKERS:

BATTLE DRESSING STATION ROUTE MARKERS WERE NOT IN ACCORDANCE WITH GSO 602.

- THE RED ARROW INTERRUPTED WITH CROSS WAS NOT READILY VISIBLE IN REDUCED/RED LIGHTING.
- SHIP (IF HAD MORE THAN 2 BATTLE DRESSING STATIONS) DID NOT HAVE SUFFICIENT ARROWS AND CROSSES ON THE WEATHER DECKS AND INTERIOR OF THE SHIP TO INDICATE THE MOST DIRECT ROUTE TO THE NEAREST BDS.

COMNAVSURFORINST 6000.1, CHAP 4, SEC 3, ART 4303F
GSO 602J

2GMD MEDICAL AND DENTAL, SECURE FOR SEA:

- NUMEROUS ITEMS (CITE EXAMPLES) WERE NOT PROPERLY SECURED FOR SEA/MOUNTED SECURELY.
- PADEYES/LASHINGS WERE NOT PROVIDED FOR EQUIPMENT.
- BULKHEAD MOUNTINGS HAD INADEQUATE BACKING PLATES.

OPNAVINST 5100.19D,C0102C
GSO 072C AND 072J
GSO 652

2GMD MEDICAL, STERILIZING EQUIPMENT:

STERILIZER (MODEL) HAD THE FOLLOWING DEFICIENCIES:

- STERILIZER (MODEL) WAS INOP.

MANUFACTURER TECH MANUAL
GSO 652
GSO 505

2GMD MEDICAL, STRETCHERS AND LITTERS:

STRETCHERS AND LITTERS HAD THE FOLLOWING DISCREPANCIES:

- STEEL STOKES LITTER FRAMES WERE BENT/BROKEN, SLATS WERE BROKEN AND THE MESH TORN.
- CANVAS WAS TORN ON ____ OF ____ INSPECTED NEIL-ROBERTSON STRETCHERS.
- SEA AND AIR RESCUE (SAR) LITTER(S), HOISTING SLING AND TRIAL ASSEMBLY WAS NOT ONBOARD.
- STRETCHERS OTHER THAN STEEL STOKES WERE ONBOARD.
- THERE WAS NO STOKES STRETCHER RIGGED WITH FLotation GEAR.
- THERE WAS AN INSUFFICIENT NUMBER OF STOKES STRETCHERS- ON HAND (REQUIRED).
- THERE WAS INADEQUATE ACCESS/CLEARANCE FOR STRETCHER ACCESS IN THE FOLLOWING SPACE(S).

MIP 6521
GSO 652

2GMD MEDICAL/DENTAL, SUPPLY STORAGE:

- THERE WAS INSUFFICIENT SPACE/SHELVING FOR MEDICAL/DENTAL SUPPLIES.
- THERE WAS EXCESS HEAT IN THE STORAGE SPACE DUE TO A LACK OF VENTILATION/INOP VENTILATION.
- THE STOREROOM EXCEEDED THE MAXIMUM PERMISSIBLE TEMPERATURE OF 95 DEGREES FAHRENHEIT.

NAVSEA T9500-AA-PRO-130, 0938-LP-018-0010 - HVAC DESIGN
CRITERIA MANUAL FOR SURFACE SHIPS

2GMD MEDICAL, SURGICAL LIGHTS:

- SURGICAL LIGHT WAS INOPERABLE.
 - SURGICAL LIGHT WAS MISSING.
 - SPARE SURGICAL LIGHT WAS NOT AVAILABLE/ON BOARD.
- NO ALTERNATIVE SURGICAL LIGHT BRACKET WAS AVAILABLE.

NSTM 330, SECTION 330-1.9.2.18
NSTM 303-1.9

2GMD MEDICAL, WARD:

- THE NUMBER OF HOSPITAL BERTHS WAS INADEQUATE. (TENDERS OR SHIPS ASSIGNED CASUALTY EVACUATION MISSION ARE 2%, ALL OTHERS ARE 1%.) _____ AVAILABLE _____ REQUIRED.
- RACKS WERE NOT PROVIDED WITH LADDERS.
 - THE WARD HEAD WAS IN DETERIORATED CONDITION/MISSING (SPECIFY).
 - THE FOLLOWING WARD EQUIPMENT WAS MISSING:

USPH STANDARDS, 49 CFR

2GMD MEDICAL, STERILIZING ROOM EQUIPMENT:

MEDICAL EQUIPMENT REQUIRED FOR THE MEDICAL STERILIZING ROOM HD
THE FOLLOWING MATERIAL DEFICIENCIES/WAS MISSING:

- DRESSER.
- STERILIZER, SURGICAL DRESSING PRESSURE.
- CLOTHES LOCKER.
- ULTRASONIC CLEANER.

MANUFACTURER TECH MANUAL
GSO 652
GSO 505

2GMD MEDICAL/DENTAL, X-RAY DARK ROOM:

MEDICAL/DENTAL EQUIPMENT REQUIRED FOR THE X-RAY DARKROOM HAD THE FOLLOWING MATERIAL DEFICIENCIES/WAS MISSING:

MEDICAL/DENTAL EQUIPMENT REQUIRED FOR THE X-RAY DARKROOM HAD THE FOLLOWING MATERIAL DEFICIENCIES/WAS MISSING (SPECIFY):

- SAFELIGHT, X-RAY DARKROOM, PHOTOGRAPHIC. (DR).
- MACHINE, X-RAY PROCESSING, AUTOMATIC WITH 14-GALLON. (DR).
- REPLENISHMENT TANK. (DR).
- CABINET, X-RAY DARKROOM, TYPES A, B, C. (DR).
- STOOL. (DR).
- CABINET, X-RAY FILM STORAGE. (DR).
- RACK, X-RAY. (DR).

MEDICAL/DENTAL EQUIPMENT REQUIRED FOR THE X-RAY EXPOSURE ROOM HAD THE FOLLOWING MATERIAL DEFICIENCIES/WAS MISSING (SPECIFY):

GSO 652
MANUFACTURER TECH MANUAL
MIP 6531 SERIES

2GMD MEDICAL/DENTAL, X-RAY EXPOSURE ROOM:

MEDICAL/DENTAL EQUIPMENT REQUIRED FOR THE X-RAY EXPOSURE ROOM HAD THE FOLLOWING MATERIAL DEFICIENCIES/WAS MISSING (SPECIFY):

- STOOL. (ER).
- X-RAY APPARATUS SET. (ER).
- CABINET, CASSETTE. (ER).
- HOLDER, X-RAY FILM. (ER).
- ILLUMINATOR, X-RAY FILM. (ER).
- LEAD LINING. (ER).

GSO 652
MANUFACTURER TECH MANUAL
MIP 6531 SERIES

2GMD POTABLE WATER, AIR GAPS:

THE POTABLE WATER SYSTEM WAS SUBJECT TO CONTAMINATION FROM AN INADEQUATE AIR GAP (OF AT LEAST TWO PIPE DIAMETERS ABOVE THE OVERFLOW LEVEL OF THE RECEIVING TANK) OR WAS NOT PROVIDED TO THE BELOW LISTED UNITS.

NOTE: EXAMPLES INCLUDE: EMERGENCY DIESEL COOLING WATER EXPANSION TANK, ACMR CHILL WATER EXPANSION TANK, BRIDGE WINDOW WASHING SYSTEM, ETC.

NSTM 533
NAVMED P-5010-6-42.2
GSO 532

2GMD POTABLE WATER, BACKFLOW PREVENTION:

A MISSING/IMPROPERLY INSTALLED REDUCED PRESSURE BACKFLOW PREVENTER ON THE POTABLE WATER INLET PIPE TO THE GARBAGE GRINDER WAS A HAZARD TO THE SHIP'S POTABLE WATER SUPPLY.

- PHOTOGRAPHIC SINKS/DEVELOPING MACHINES/CHEMICAL MIX TANKS WERE CONNECTED TO THE POTABLE WATER SYSTEM IN THE FOLLOWING LOCATIONS:
- HOSE CONNECTIONS WERE NOT PROTECTED WITH BACKFLOW PREVENTERS IN THE FOLLOWING LOCATIONS:
- ATMOSPHERIC VACUUM BREAKERS OR BACKFLOW PREVENTERS WERE NOT INSTALLED TO PROTECT THE POTABLE WATER SUPPLY FROM CONTAMINATION IN THE FOLLOWING LOCATIONS:

NSTM 533, 533-2.3.5.3
NAVMED P-5010-6-44
GSO 532B

2GMD POTABLE WATER, COLOR CODE:

OPERATING HANDLES AND LEVERS ON THE POTABLE WATER SYSTEM WERE NOT PROPERLY COLOR-CODED BLUE (CHIP 15044) THROUGHOUT THE INTERIOR OF THE SHIP/IN THE FOLLOWING AREAS:

GSO 507F
NSTM 505-7.8.2.2

2GMD POTABLE WATER, DECK RISERS:

THE FOLLOWING DISCREPANCIES WERE FOUND ON THE POTABLE WATER DECK RISER:

- WAS NOT LOCATED 18" ABOVE THE DECK.
- WAS NOT TURNED DOWN.
- WHEN NOT IN USE, POTABLE WATER DECK RISER WAS NOT SECURED WITH SCREW CAPS ATTACHED WITH KEEPER CHAINS.
- WAS NOT LABELED "POTABLE WATER ONLY".
- WAS NOT LABELED "DISCONNECT HOSE WHEN NOT IN USE".

GSO 532
NAVMED P-5010-6
NSTM 533-2.1.2

2GMD POTABLE WATER, HOSE LOCKERS:

POTABLE WATER HOSE LOCKER HAD THE FOLLOWING DISCREPANCIES:

- WAS NOT VERMIN PROOF/LOCKED.
- DID NOT HAVE HOSE/FITTING DISINFECTION INSTRUCTIONS POSTED.
- WAS NOT LABELED "POTABLE WATER HOSE STORAGE ONLY".
- HAD RUSTED HINGES AND INTERIOR.
- WAS NOT LOCATED 18" ABOVE THE DECK.
- HOSE LOCKER WAS MISSING.
- HOSE LOCKER WAS NOT LOCATED IN THE VICINITY OF THE POTABLE WATER FILLING CONNECTION.

GSO 532 AND 671
NAVMED P-5010-6
NSTM 533, 533-2.1.3

2GMD POTABLE WATER, HOSES:

_____ OF _____ POTABLE WATER HOSES HAD THE FOLLOWING
DISCREPANCIES:

- WERE NOT PROPERLY STENCILED "POTABLE WATER" EVERY 10 FEET.
- WERE DETERIORATED/USED FOR OTHER PURPOSES.
- WERE NOT STORED WITH ENDS COUPLED OR WITH SCREW TYPE CAPS.
- WERE DANGLING IN OR WERE PARTIALLY SUBMERGED IN THE HARBOR.

GSO 532 AND 671

GSO 671C

NAVMED P-5010-6 SECTION 5010-6-20.1

NSTM 533, 533-2.1.3

2GMD POTABLE WATER, ICE MACHINES:

- THE ICE MACHINE DRAIN LINE WAS NOT PROPERLY AIR GAPPED.
- THE ICE SCOOP WAS NOT ADEQUATELY STORED WITHIN OR OUTSIDE THE ICE MACHINE.
- THERE WAS NO ICE MACHINE ON THE SHIP AVAILABLE FOR EMERGENCY MEDICAL USE.
- THERE WAS NO ICE MACHINE IN THE MEDICAL DEPARTMENT SPACES FOR EMERGENCY MEDICAL USE (SURGICAL CAPABLE SHIPS ONLY).

GSO 532

NAVMED P-5010-6

2GMD POTABLE WATER, PIPING:

- POTABLE WATER LINES WERE NOT LABELED WITH TYPE OF SERVICE OR WITH AN ARROW INDICATING DIRECTION OF FLOW IN THE FOLLOWING LOCATIONS:
 - POTABLE WATER LINE MARKINGS WERE SPACED MORE THAN 15 FEET APART.
 - LEAKS IN THE POTABLE WATER SYSTEM PIPING, PIPING COMPONENTS, OR PLUMBING FIXTURES OCCURRED AT THE FOLLOWING LOCATIONS:
 - POTABLE WATER PIPING WAS LOCATED IN THE BILGE AREA OR WAS SUBMERGED IN BILGE WATER.
 - POTABLE WATER PIPING INLET WAS SUBMERGED IN CONTAMINATED WATER.
 - POTABLE WATER SYSTEM WAS LOCATED IN A CHT PUMP ROOM.

NAVMED P-5010-6, 19.5

NSTM 505 AND 533

2GMD POTABLE WATER, TANK SOUNDING TUBES:

THE POTABLE WATER SOUNDING TUBE (CITE LOCATION):

- WAS NOT IDENTIFIED/COLOR CODED.
- WAS NOT CLOSED WITH SCREW CAPS ATTACHED WITH KEEPER CHAINS.
- WAS NOT SECURED WITH A LOCK.
- DID NOT EXTEND 18" ABOVE TANK TOP.
- COULD NOT BE CLOSED WITH A PADLOCK.
- WAS NOT PERMANENTLY STOWED IN THE TUBE.
- WAS NOT PROPERLY STORED, SANITIZED, OR IDENTIFIED.
- WAS NOT INSTALLED TO ENABLE THE ADDITION OF CALCIUM HYPOCHLORITE.

NAVMED P-5010-6
NSTM 533-2.3.6

2GMD POTABLE WATER, TANK VENTS:

POTABLE WATER TANK AIR ESCAPE (VENT):

- DID NOT HAVE INSECT SCREENS PROPERLY INSTALLED AT THE TERMINAL.
- INSECT SCREEN WAS NOT OF 18 GAGE MESH MADE OF BRONZE, BRASS OR NICKEL-COPPER ALLOY.
- TERMINATED IN WATER CLOSET (TOILET) SPACES, HOSPITAL SPACES, OR IN ELECTRICAL/ELECTRONICS SPACES OR ON THE WEATHER DECKS.
- WAS NOT LABELED.

GSO 506
NAVMED P-5010-6, 12.1

2GMD POTABLE WATER, WASHDOWN RISERS:

- RISER WAS NOT LABELED "DISCONNECT HOSE WHEN NOT IN USE".
- RISER WAS NOT EQUIPPED WITH VACUUM BREAKERS.
- RISER WAS NOT EQUIPPED WITH CAPS ATTACHED WITH KEEPER CHAINS.
- RISER WAS NOT LABELED AS TO IDENTIFY THEM AS POTABLE WATER CONNECTIONS.
- RISER WAS NOT COLOR CODED FOR POTABLE WATER (NOT REQUIRED ON WEATHER DECKS).

GSO 532 & 533
NSTM 533

2GMD ELECTROLYTIC DISINFECTANT GENERATOR (EDG):

- BRINE FILTER NOT PRESENT.
- INLET WATER FILTER NOT PRESENT.
- ONE OF THE REQUIRED TWO WATER SOFTNER CANISTERS IS MISSING.
- FLOW METER WHICH SHOWS OPERATOR THE FLOW RATE OF MIXED OXIDANTS TO THE INJECTOR WAS NOT FUNCTIONING.
- ALARM WAS NOT TRIGGERED BY THE FLOW SWITCH.
- ALARM DID NOT TRIGGERED THE STOPPAGE OF MIXED OXIDANTS.
- PMS WAS NOT PERFORMED (FILTERS NOT REPLACED QUARTERLY).
- MISSING TECH MANUAL. .

NAVSEA S9531-CT-MMC-010 (EDG MODEL 7060 MARK I)